

Supporting Information Available

Figure Captions

Figure 1. Typical FTIR spectra for the experiments of MMA with OH radicals using 1-butene as reference hydrocarbon at different photolysis times: 0, 5 and 8 minutes.

Figure 2. Plot of the kinetic data for the reaction of methyl methacrylate with OH radicals obtained at 298 K using 1-butene as reference hydrocarbon.

Figure 3. Plot of the kinetic data for the reaction of butyl methacrylate with OH radicals obtained at 298 K using 1-butene as reference hydrocarbon.

Figure 4. Plot of the kinetic data for the reaction of butyl acrylate with OH radicals obtained at 298 K using isobutene (\square) and 1-butene (\circ) as reference hydrocarbons.

Figure 5. Plot of the kinetic data for the reaction of vinyl acetate with OH radicals obtained at 298 K using isobutene (\square) and 1-butene (\circ) as reference hydrocarbons.

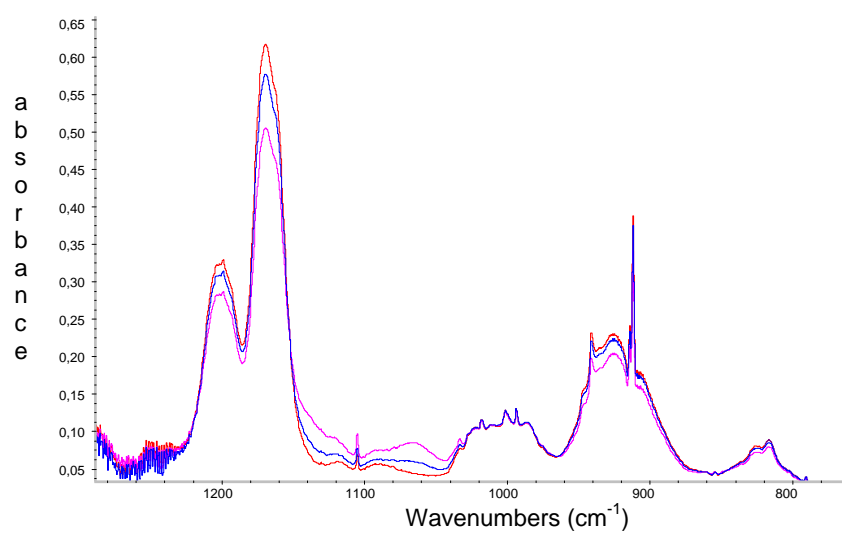


Figure 1

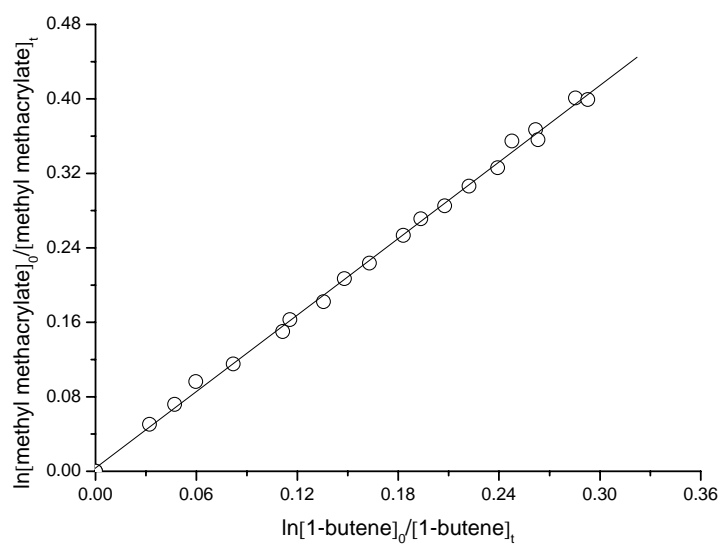


Figure 2

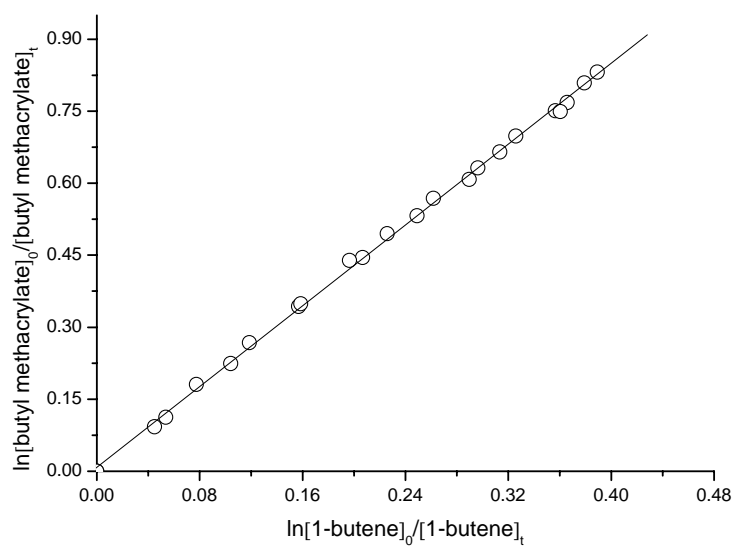


Figure 3

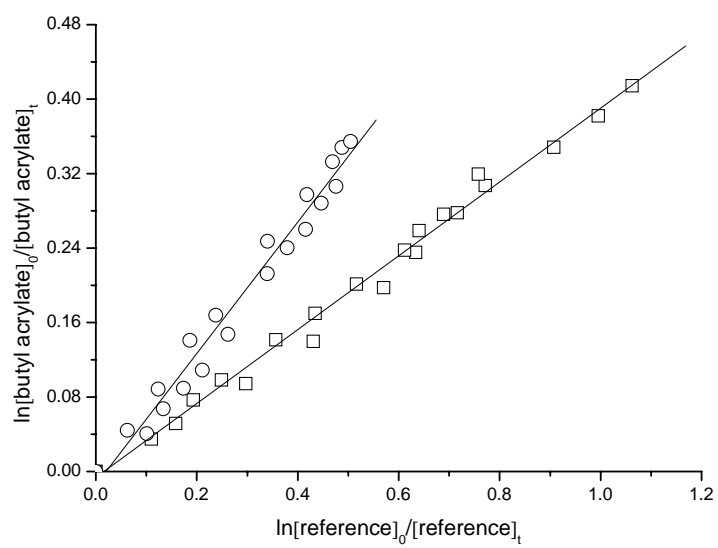


Figure 4

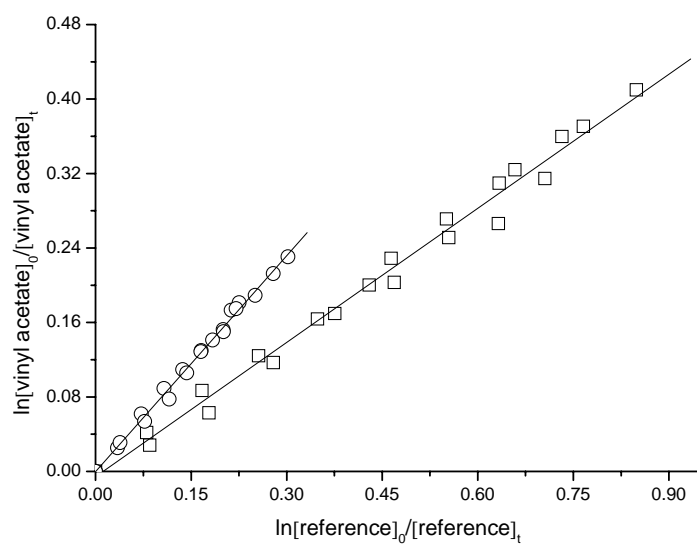


Figure 5